

STEREO MOC Status Report  
Time Period: 2007:218 - 2007:224

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 217 (last week) all G&C routine data (APIDs 0x101 through 0x13C from 2007-216-12:58:02 to 2007-217-05:25:02 (~16 hours total) was lost when Partition #9 got flooded by high-rate IMU data when Macro 435 (10 minutes of high rate G&C data) executed during an unsupported track which was planned in case of a Phoenix launch slip. This was expected following the successful Phoenix launch on day 216.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. IMU 2 continues to be used nominally on the Ahead spacecraft. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Ahead was 7.4 Gbits during this week.
- There were no special spacecraft/instrument events scheduled for this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 219, a SECCHI command load failed during the unattended track with DSS-34. A problem was identified with the MOC ground software where a timeout is set too small. A change has been requested to increase this timeout which should eliminate this problem. The second track on day 219 with DSS-15 was staffed to re-transmit this SECCHI load and the load was completed on this track without incident.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Behind was 8.3 Gbits during this week.
- There were no special spacecraft/instrument events scheduled for this week.